



## **Dr. med. Vilijam Zdravkovic**

scientist (group leader)

Orthopädische Chirurgie und Traumatologie des Bewegungsapparates · Dept.

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### **Contact**

Dr. med. Vilijam Zdravkovic  
Rorschacherstrasse 95  
9007 St. Gallen  
Switzerland

T +41 71 494 6175  
Vilijam.Zdravkovic@kssg.ch

### **Units**

Orthopädische Chirurgie und Traumatologie des Bewegungsapparates

### **Profile Function**

scientist (group leader)

## Publications (71)

Baum C, Audigé L, Stojanov T, Müller S, Candrian C, ARCR\_Pred Study Group, Müller A, Rosso C, Fankhauser L, Willscheid G, Moroder P, Akgün D, Danzinger V, Gebauer H, Imiolczyk J, Karpinski K, Lacheta L, Minkus M, Paksoy A, Samaniego E, Thiele K, Weiss I, Suter T, Müller-Lebschi J, Mueller S, Saner M, Haag-Schumacher C, Tamborrini-Schütz G, Dao Trong M, Buitrago-Téllez C, Hasler J, Riede U, Weber S, Moor B, Biner M, Fournier S, Gallusser N, Marietan D, Pawlak S, Spormann C, Hansen B, Mamisch-Saupe N, Durchholz H, Bräm J, Cunningham G, Kourhani A, Ossipow S, Simao P, Läderrmann A, Egli R, Erdbrink S, Flückiger R, Lombardo P, Pinworasarn T, Scacchi P, Weihs J, Zumstein M, Flury M, Berther R, Ehrmann C, Hübscher L, Schwappach D, Eid K, Bensler S, Fritz Y, Grünberger N, Kriechling P, Langthaler D, Niehaus R, Nobs R, Benninger E, de Groot Q, Doert A, Ebert S, Grimm P, Mottier F, Pisan M, Schätz J, Schwank A, Wiedenbach J, Scheibel M, Bellmann F, Brune D, de Jong M, Diermayr S, Endell D, Etter M, Freisleder F, Gkikopoulos N, Glanzmann M, Grobet C, Jung C, Moro F, Ringer R, Schätz J, Schwyzer H, Weber B, Wehrli M, Wirth B, Nötzli M, Franz A, Oswald J, Steiger B, Ameziane Y, Child C, Spagna G, Del Grande F, Feltri P, Filardo G, Marbach F, Schönweger F, Jost B, Badulescu M, Lüscher S, Napieralski F, Öhrström L, Olach M, Rechsteiner J, Scheler J, Spross C, Zdravkovic V, Chlasta A, Gerber K, Hayoz A, Müller-Lebschi J, Schuster F, Wieser K, Borbas P, Bouaicha S, Camenzind R, Catanzaro S, Gerber C, Grubhofer F, Hasler A, Hochreiter B, Marcus R, Selman F, Sutter R, Wyss S, Appenzeller-Herzog C, Aghlmandi S, Ahlborn I, Baum C, Eckers F, Grezda K, Hatz S, Hunziker S, Taha M, Tamborrini-Schütz G, Mueller A. Functional and Radiologic Outcomes of Degenerative Versus Traumatic Full-Thickness Rotator Cuff Tears Involving the Supraspinatus Tendon. *Am J Sports Med* 2024;3635465231219253.

Alexander N, Zdravkovic V, Spross C, Olach M, Jost B. Reversed total shoulder arthroplasty for rotator cuff arthropathy is associated with increased scapulothoracic motion: A longitudinal two-year kinematic study. *Gait Posture* 2024; 109:34-40.

Fischer V, Zdravkovic V, Jacxsens M, Toepfer A, Jost B. Treating Pathological Metastatic Fractures of the Humerus by Compound Osteosynthesis: A Retrospective Cohort Study. *JSES Int* 2024

Kramer M, Olach M, Zdravkovic V, Manser M, Raiss P, Jost B, Spross C. The effects of length and width of the stem on proximal humerus stress shielding in uncemented primary reverse total shoulder arthroplasty. *Arch Orthop Trauma Surg* 2023

Ladurner A, Zdravkovic V, Giesinger K. Sex-Specific Implant Fixation Can Reduce Revision Rates in Total Hip Arthroplasty: Evidence From the Swiss National Joint Registry. *J Arthroplasty* 2023; 39:421-426.

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Gerlach R, Toepfer A, Jacxsens M, Zdravkovic V, Potocnik P. Temporizing cast immobilization is a safe alternative to external fixation in ankle fracture-dislocation while posterior malleolar fragment size predicts loss of reduction: a case control study. *BMC Musculoskelet Disord* 2022; 23:698.

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Zdravkovic V, Alexander N, Wegener R, Spross C, Jost B. How Do Scapulothoracic Kinematics During Shoulder Elevation Differ Between Adults With and Without Rotator Cuff Arthropathy?. *Clin Orthop Relat Res* 2020; 478:2640–2649.

Zdravkovic V, Kaufmann R, Neels A, Dommann A, Hofmann J, Jost B. Bone mineral density, mechanical properties and trabecular orientation of cancellous bone within humeral heads affected by advanced shoulder arthropathy. *J Orthop Res* 2020

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Strahm C, Zdravkovic V, Egidy C, Jost B. Accuracy of Synovial Leukocyte and Polymorphonuclear Cell Count in Patients with Shoulder Prosthetic Joint Infection. *J Bone Jt Infect* 2018; 3:245-248.

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## Projects (6)

### **Treatment and outcomes of surgical site infections after spinal instrumentation – a retrospective cohort study**

*Clinical Studies - May 2, 2022 - Dec 31, 2024*

*Ongoing*

### **Clinical evaluation of a standard treatment algorithm for midshaft clavicle fractures**

*Register - Jan 1, 2021 - Dec 31, 2025*

*Ongoing*

### **Vergleich der Kinematik von anatomischen und inversen Schulter-Totalprothesen**

*Fundamental Research - Feb 28, 2019 - Dec 31, 2020*

*Automatically Closed*

### **Does custom-made total knee arthroplasty better restore normal gait than conventional total knee arthroplasty?**

*Fundamental Research - Nov 21, 2018 - Dec 31, 2020*

*Automatically Closed*

### **Bone mineral density of the proximal humerus in patients with glenohumeral osteoarthritis : intraoperative assessment and impact on treatment alternatives**

*Fundamental Research - Jan 1, 2016 - Oct 1, 2017*

*Automatically Closed*

### **Dreidimensionale Messung der Schulterbewegung vor und nach Implantation einer inversen Schulterprothese im Vergleich zu einer gesunden Kontrollgruppe**

*Clinical Studies - Apr 1, 2014 - Dec 1, 2017*

*Automatically Closed*